UB-2818 1009FAWi full touch RGBW remote controller User Manual

Remote: UB-2818

Receiver: UB-1009FAWi

1.Brief introduction

UB-2818 RGBW remote controller is full touch remote controller which has 8 different zones. It can get Red/ Green/ Blue/ White color directly. The remote controller can save up to 8 colors or 8 modes into corresponding buttons (1-8 buttons) for each zone. You can choose any color through color wheel. There is a USB port to charge internal battery.

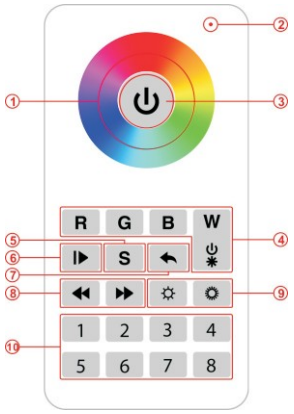
2.Performance Parameter

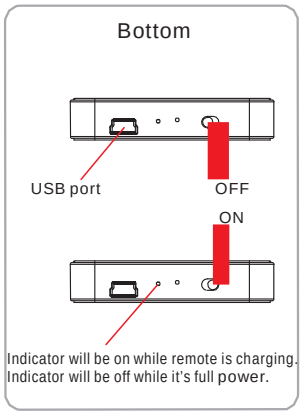
2.1 Sender: (UB-2818)
Operation voltage: 3.6VDC
Operation frequency: 434MHZ / 868MHZ
Battery: Lithium battery.

2.2 Receiver: (UB-1009FAWi)
Input voltage: 12-36VDC
Output voltage: 12-36VDC
UB-1009FAWi: 4 channels x 5A, 4channels x (60-180W

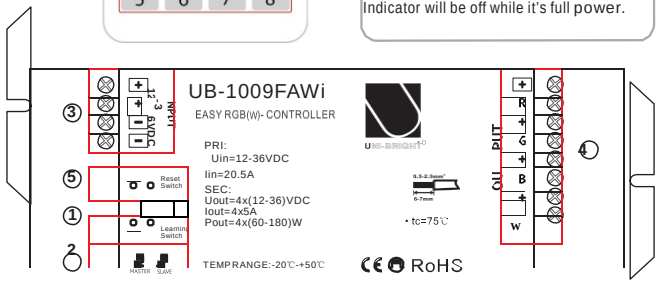
3.Brief introduction of buttons

① Color wheel
② Indicator
③ ON/OFF button
④ R/G/B/W button
⑤ Save color button
⑥ Play & Pause button
⑦ Return previous status button
⑧ Speed down & speed up button
⑨ Brightness button
⑩ Zone button

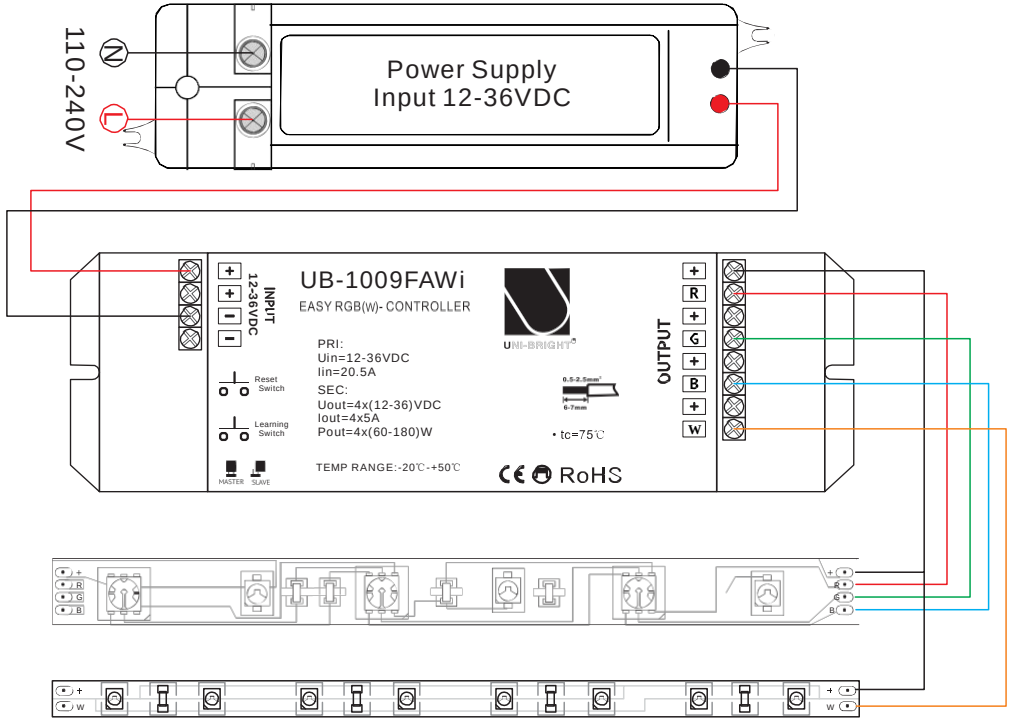




① Learning button
② Jumper
③ 12-36VDC input
④ 4 channels output
⑤ Press 3 seconds, release, the wifi module will restore to factory settings



4.Wiring Diagram



5.Operation

1. Do wiring according to connection diagram
2. Learning process
   a. Wake up the remote control by touching ON/OFF button.
   b. Press at learning button on receiver.
   c. Touch any zone button on remote control.
   d. Then touch color wheel.
   e. Connected LED light will blink to confirm zone designation.
   f . Press at learning button on receiver over 5 seconds until LED light flash, then delete the learned ID.

Note: To choose a master from slaves by jumper for each zone.
Short circuit for master.
Open circuit for slave.

Each zone only can set 1 slave to be master. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.

3. Touch

button is to switch on/off of each corresponding color.

Hold your finger on

button to dim brightness of each corresponding color. There are total 8 levels of brightness.

Note: If you press R, then press G, then it is mix color of R and G. If you want to get G color directly, please press R to switch off of R first. Then press G.

4. Touch
button is to play mode or do pause operation of mode. There are 10 build-in modes in this button.

5. Touch

button is for saving color or mode at 1-8 buttons. Each zone (Each receiver) can save 8 modes or 8 colors. Operation is show as below:

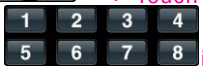
Choose zone number

----> Touch
button, mode is running -----> save favorite mode to button

in 1 zone-----> touch

(over 2 seconds) to save program into zone until the blue indicator on.

Choose zone number

----> Touch color wheel
to get favorite color -----> save favorite color to button 

in 1 zone-----> touch (over 2 seconds) to save color into zone until the blue indicator on.

If you want to play your saved color or mode, choose zone number from 1 to 8, then touch

, then touch saved number in that zone. Then it will play.

6. Touch
button to return previous color or running mode.

7. Touch
button to speed down when mode is running, touch
button to speed up when mode is running.

8. Touch
button to dim down whole brightness of LED lighting, touch
button to dim up whole brightness of LED lighting.

9. Touch

button one by one, such as press button 1,2,3,4,5,6, then press
button, then saved color or mode in button 1,2,3,4,5,6 will run chasing mode one by one.